



# APRIL 2003 ENGINEERING AND RELATED SERVICES SOLICITATION

**SOLICITATION CONCLUDED: APRIL 16, 2003**

- A = Estimated Consultant Contract cost < \$100,000  
 B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000  
 C = Local Unit of Government Selects Consultant  
 D = Estimated Consultant Contract cost > \$1,000,000

**\*\*Open to all consultants**

**Tied on one contract**

**Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.**

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
<b>DISTRICT 1</b>									
D1 1A	0617-01-00**	N/A	30-Apr-03	1-Jul-03	30-Nov-04	No	No	Vencint Thomas	(608) 243-3372
<b>DISTRICT 2</b>									
D2 1A	1000-41-13	N/A	15-May-03	2-Jun-03	30-Jun-04	No	No	Mike Hardy	(414) 227-2166
D2 2A	1000-41-14	N/A	15-May-03	2-Jun-03	30-Jun-04	No	No	Mike Hardy	(414) 227-2166
D2 1B	1000-41-17	N/A	15-May-03	2-Jun-03	30-Jun-04	No	No	Don Schell	(414) 227-2166
D2 2B	0690-62-24	N/A	1-May-03	15-May-03	30-Jun-04	No	No	Doug Dembowski	(414) 227-2166
D2 3B	0690-62-25	N/A	1-May-03	15-May-03	30-Jun-04	No	No	Doug Dembowski	(414) 227-2166
<b>DISTRICT 3</b>									
D3 1B	1120-11-02 \$	80,000,000	1-Apr-03	1-May-03	1-May-04	Yes	No	Tom Buchholz	(920) 492-0142
<b>DISTRICT 6</b>									
D6 1B	1009-60-16	N/A	1-May-03	1-May-03	1-Jul-05	No	No	Greg Helgeson	(715) 836-2980
D6 1B	1009-60-17	N/A	1-May-03	1-May-03	1-Jul-05	No	No	Greg Helgeson	(715) 836-2980
D6 2B	1009-60-21	N/A	1-May-03	1-May-03	1-Jul-05	No	No	Paul Conlin	(715) 833-5364
<b>DISTRICT 8</b>									
D8 1A	1180-37-00 \$	3,350,000	1-May-03	1-Jul-03	1-Jul-04	No	No	Matt Dickenson	(715) 395-3022
<b>BUREAU OF ENVIRONMENT</b>									
BOE 1A	0616-50-06**	N/A	16-May-03	1-Jun-03	31-May-05	No	No	Robert Newbery	(608) 266-0369



# APRIL 2003 ENGINEERING AND RELATED SERVICES SOLICITATION

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<b>BUREAU OF HIGHWAY DEVELOPMENT</b>									
BHD 1A	<a href="#">0656-24-17**</a>	N/A	30-May-03	1-Jul-03	30-Jun-05	No	No	Kimberly Schauder	(608) 264-8709
BHD 2A	<a href="#">0656-24-18**</a>	N/A	30-May-03	1-Jul-03	30-Jun-05	No	No	Kimberly Schauder	(608) 264-8709
BHD 3A	<a href="#">0656-24-19**</a>	N/A	30-May-03	1-Jul-03	30-Jun-05	No	No	Kimberly Schauder	(608) 264-8709
BHD 4A	<a href="#">0656-24-20**</a>	N/A	30-May-03	1-Jul-03	30-Jun-05	No	No	Kimberly Schauder	(608) 264-8709
BHD 5A	<a href="#">0656-24-21**</a>	N/A	30-May-03	1-Jul-03	30-Jun-05	No	No	Kimberly Schauder	(608) 264-8709
BHD 1B	<a href="#">0656-24-22**</a>	N/A	Jun-03	Jul-03	Jun-05	No	No	Ken Worden	(608) 266-0076
BHD 2B	<a href="#">0656-24-23**</a>	N/A	Jun-03	Jul-03	Jun-05	No	No	Ken Worden	(608) 266-0076
BHD 3B	<a href="#">0656-24-24**</a>	N/A	Jun-03	Jul-03	Jun-05	No	No	Ken Worden	(608) 266-0076



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 1

#### Scope of Service Narratives:

**D1 1A Open to all firms.** Use the RFP process developed for this solicitation.

**Project ID: 0617-01-00**

District 1 is soliciting for a construction field interview/EEO review contract. It is anticipated that work for this contract will begin on July 1, 2003 and be completed on November 30, 2004 covering two construction seasons.

Work involved will include but not be limited to the following.

- Perform employee field/EEO interviews on federally and state funded highway improvement projects within the ten counties in District 1 for the 2003 and 2004 construction seasons.
- Review project's sublet requests to determine which contractors should be working on the project's work site.
- While on the project work site, visit project trailer to review prime contractor's project posting board for required fed/state prevailing wage rates, EEO/AA posting, and prime contractor's EEO policy statement, and inform WisDOT project leader of their presence before conducting the employee field interviews.
- Disseminate copies of wage rate pamphlets and information business card of D1's Equal Rights Officers.
- Forward completed field interview questionnaires and a written summary of findings and observations to the D1 office for analysis on a bi-weekly basis.
- The consultant will prepare a summary of each interview

The RFP and additional information is available at

<http://www.dot.wisconsin.gov/business/engrserv/caulaborcomprfp.htm>.

Consultant selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at

<http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

For more information, contact Vencint Thomas (608) 243-3372.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 2

#### Scope of Service Narratives:

##### **D2 1A**

**Project ID: 1000-41-13**

D2 TEA 21 Earmark Administration

Scope of Services: Provide onsite consultant staff to administer D2 TEA 21 earmarked projects; develop quarterly project reports to be submitted to FHWA; maintain and update D2 strategic work plan and project descriptions; maintain and update earmark project cost balance database; and, provide technical support to ITS program functions.

For more information contact Mike Hardy at (414) 227-2166.

##### **D2 2A**

**Project ID: 1000-41-14**

D2 GCM Program Support

Scope of Services: Continue efforts currently underway to provide staff support to the Traffic Operations Center to assist with Gary-Chicago-Milwaukee (GCM) functions pertinent to program management in S.E. Wisconsin. Some functions anticipated to be performed under this contract include; intensive participation in activities relating to the GCM Corridor Program Plan Update, management of Wisconsin specific GCM fiscal information, provide liaison support to GCM meetings.

For more information contact Mike Hardy at (414) 227-2166.

##### **D2 1B**

**Project ID: 1000-41-17**

D2 Communication & Data System Integration

Scope of Services: Provide onsite network and engineering support services for the WisDOT Freeway Operations Unit. The selected consultant will provide an onsite engineer as required to support DOT staff with network management and configuration. Work provided by this staff member may include: Assembling and configuring network devices and associated services, establish network users and security for networks being added, perform network troubleshooting to isolate and diagnose common network problems, prepare and maintains documentation of network configurations and cabling layouts, manage and update firewall(s) under the direction of DOT district and central office staff. And assist DOT staff with office IT support, including specifications for new or replacement hardware.

For more information, contact Don Schell at (414) 227-2166.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 2 (cont.)

#### **D2 2B**

**Project ID: 0690-62-24**

Specialty Master Contract

Freeway Operations Support

\$500,000 Expires June 30, 2004

District 2

Scope of Services: This project will provide support service to the Freeway Operations Unit. Tasks that may be assigned: telecommunication design support, geometric operational design support, plan review, interagency communications support, traffic planning support, freeway corridor operational planning and design, evaluation of current operations projects, freeway operational assessment and support, contract administration support, ITS infrastructure support and advanced signal system planning and design.

For more information, contact Doug Dembowski at (414) 227-2166.

#### **D2 3B**

**Project ID: 0690-62-25**

Specialty Master Contract

Freeway Operations Support

\$500,000 Expires: June 30, 2004

District 2

Scope of Services: This project will provide support service to the Freeway Operations Unit. Tasks that may be assigned: telecommunication design support, geometric operational design support, plan review, interagency communications support, traffic planning support, freeway corridor operational planning and design, evaluation of current operations projects, freeway operational assessment and support, contract administration support, ITS infrastructure support and advanced signal system planning and design.

For more information, contact Doug Dembowski at (414) 227-2166.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 3

#### Scope of Service Narratives:

##### **D3 1B**

**Project ID: 1120-11-02**

USH 41 Corridor Study

Winnebago County

This project will advance the Highway 41 Corridor study 1120-11-01 to a preliminary plat stage in the Highway 21 and Highway 110 areas. Commercial development is occurring in these areas and the department needs to determine right-of-way needs more precisely. No public involvement will be involved with this phase. This phase will take existing corridor study and develop cross sections, plat and detailed cost estimates.

For more information, contact Tom Buchholz at (920) 492-0142.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 6

#### Scope of Service Narratives:

##### **D6 1B**

**Project ID: 1009-60-16, 1009-60-17**

Traffic Engineering Master Contracts  
District wide

##### Scope of Services:

Transportation District 6 is soliciting for 2 specialty Master Contracts for traffic engineering services. The contracts would begin in the summer of 2003 and the last work order would be issued before June 30, 2004, with completion of all work orders by June 30, 2005.

Proposed activities/tasks for these traffic engineering services contracts are: Traffic signal studies, design, plan, and PS&E preparation for intersections/interchanges. Traffic signal system computer analysis, simulation, and/or optimization for interconnected signals, utilizing CORSIM, PASSER, TRANSYT or similar models. Development of signal timing plans and various phasing alternatives. Highway Capacity Analysis, with emphasis on intersections, ramps, auxiliary lanes, and roundabouts. Crash Analysis and Safety Studies, including preparation of collision diagrams, Hazard Elimination Safety (HES) proposals, and recommended improvements. Street lighting studies, design, plan, and PS&E preparation. Signing (permanent) and pavement marking PS&E preparation. Review and/or development of Traffic Impact Analysis reports. Conduct intersection traffic counts and speed studies.

For more information, contact Greg Helgeson at (715) 836-2980.

##### **D6 2B**

**Project ID: 1009-60-21**

Pre-Stressed Girder Inspection Master Contract  
District wide

##### Scope of Services:

General - Engineering inspection and related services pertaining to the manufacture of prestressed concrete girders by County Prestress Corporation at their plant located in Eau Claire, Wisconsin and other County Prestress plants as needed.

Requirements - The consultant will provide personnel who are familiar with standard construction practices of the Department and who have obtained Technician/Inspector Level II PCI certification.

For more information, contact Paul Conlin at (715) 833-5364.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 8

#### Scope of Service Narratives:

##### D8 1A

##### **Project ID: 1180-37-00**

WCL – Beaser Ave.

USH 2 Ashland County

Street Lighting Design

The department is soliciting engineering services for preliminary and final design of a decorative street lighting system on USH 2 (Lakeshore Drive) from 22<sup>nd</sup> Ave. West to Beaser Ave. in the City of Ashland, a distance of 0.65 miles. The lighting system will be part of a comprehensive reconstruction project currently being designed by department staff in the Superior office. The lighting plans and specifications will be incorporated into the department's roadway plans. Preliminary roadway plans will be completed in March 2003 and final roadway plans will be completed in January 2004. The entire project is scheduled for construction in 2005.

The scope of services will include working with the City of Ashland Public Works Department and District design staff to produce plans and specifications for a complete decorative street lighting system. Plans and specifications will need to include electrical service and related lighting control devices including breakers, contactors, switches, panels, photo controls, meter sockets, etc. The consultant will be required to design a complete underground electrical feeder system to a hand hole in each lighting unit or to a junction box. The consultant will be expected to work with the City of Ashland to select the desired decorative poles. The consultant also will be expected to work with department staff to integrate lighting plans, specifications, quantities, and estimated costs into the final roadway PS&E package.

For more information, contact Matt Dickenson at (715) 395-3022.





## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF ENVIRONMENT (BOE)

#### Scope of Service Narratives:

**BOE 1B Open to all firms.** Use the Special Consultant Solicitation NOI developed for this project.

**Project ID: 0617-01-00**

Master Contract for 2 years

The Bureau of Environment is seeking qualified individuals or firms to provide services to the WisDOT staff historian. These services are to insure the smooth progression of the Section 106 Review for several hundred projects per year. Regular meetings with the WisDOT staff historian, the Federal Highway Administration and the State Historic Preservation Office are required. Some travel within the State of Wisconsin is required. The amount of time for these services is estimated to be 20 hours per week.

#### Required Education:

- Bachelor's degree in historic preservation, architectural history or related field of history.

#### Required Experience:

- Completion of documents for the Section 106 process for architectural/historical resources, including Section 106 Review form, Reconnaissance Surveys, and Determinations of Eligibility.

#### Desirable Education/Training:

- Graduate degree in architectural history, historic preservation or related field.
- Completion of the Advisory Council on Historic Preservation's training courses:
  - Introduction to Federal Projects and Historic Preservation Law; and Advanced
  - Seminar in Preparing Agreement Documents under Section 106.

#### Desirable Experience/Knowledge:

- Preparation of effect and mitigation documents, including: *Finding of No Adverse Effect*; *Documentation for Consultation*; *Memorandum of Agreement*; and *Archival Documentation* (such as reports for the *Historic American Engineering Record/Historic American Building Survey*).
- Understanding of the facilities development process and construction procedures for WisDOT projects.
- Use of data base software.
- Use of regional or statewide resource evaluation studies.
- Preparation of or assistance in preparing at least one Section 4(f) Evaluation for historic properties.

Applicants must possess superior oral and written communication skills and a demonstrated ability to manage a variety of projects simultaneously.

Respond by returning the DT 1820 Special Consultant Solicitation NOI by April 16, 2003

For more information contact: Robert S. Newbery, WisDOT staff historian at (608) 266-0369.



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF HIGHWAY DEVELOPMENT (BHD)

#### Scope of Service Narratives:

##### BHD 1A

**Project ID: 0656-24-17**

##### BHD 3A

**Project ID: 0656-24-19**

##### BHD 5A

**Project ID: 0656-24-21**

##### BHD 2A

**Project ID: 0656-24-18**

##### BHD 4A

**Project ID: 0656-24-20**

**This solicitation is open to all consultant firms. Use the Special Consultant Solicitation DT1820 NOI for these BHD projects.**

Up to five Master Contracts may be awarded for this solicitation.

Consultant services are needed to determine engineering control (horizontal, vertical and/or three-dimensional coordinates) using appropriate survey techniques (total station, GPS, leveling, etc.) to meet required standards and specifications for both mapping and non-mapping projects throughout the state of Wisconsin.

The scope of services for each project will be described in the work order. The purpose of this work may include setting and establishing coordinates (latitude, longitude, and ellipsoidal height) on engineering control, setting and establishing elevations on bench marks (orthometric height), and/or setting and establishing coordinates (northing, easting, and orthometric height) on photogrammetric control for transportation improvement projects. The engineering control will be used by the department to position targets and provide topographic mapping of various existing features, and the photogrammetric control will be used by the department to provide photogrammetric products to delineate existing features for the design and construction of transportation improvement projects. The geodetic control to be used for the project will be in place and specified per project.

The Consultant may be required to perform the following:

- Planning (reconnaissance, monumentation (Type 2, 3 or 4), target placement, network/loop configuration)
- Data acquisition (total station, GPS, leveling, etc.)
- Data analysis and adjustment (least-squares)
- Data submittal (report, observational data, and survey station coordinates in specified format such as AASHTO Survey Data Management System (SDMS) or other WisDOT specific formats)

#### Principal Contact:

The following representative for the department shall serve as the consultant's principal contact for project coordination, production schedules, technical questions, receipt of invoices, and determining acceptability of the scope of services for this project:

Kimberly L. Schauder, P.E.,  
Geodetic Engineer  
Wisconsin Department of Transportation  
Surveying & Mapping Section, Room 5B  
P.O. Box 7916  
Madison, WI 53707-7916  
Telephone: (608) 264-8709  
E-mail: kimberly.schauder@dot.state.wi.us



## APRIL 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF HIGHWAY DEVELOPMENT (cont.)

**BHD 1B**

**Project ID: 0656-24-22**

**BHD 2B**

**Project ID: 0656-24-23**

**BHD 3B**

**Project ID: 0656-24-24**

Master Contracts for photogrammetric services  
Statewide

**This solicitation is open to all consultant firms. Use the Consultant Solicitation Open to All DT1819 NOI for these BHD projects.**

These Master Contracts for statewide photogrammetric services include stereocompilation and creation of design data files for the improvement of various transportation projects. Work may also include aerial photography, surveying, analytical triangulation and digital terrain modeling.

For more information, contact Ken Worden, at (608) 266-0076 or by E-mail at [kenneth.worden@dot.state.wi.us](mailto:kenneth.worden@dot.state.wi.us).